D. 42

G. M. 1913

67 & 13

S.L. No. 44, 63, 267.

Report on the working of the Departments of Industries and Commerce during 1912-13

G. R. S. IX-5]

Previous references.

File No. 67-13

1913.

(G.e.)

Serial Nos. 44, 63, 267.

Later references.

Pres[illegible]

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 44, 63, 267.

Part B for May 1914.

SUBJECT.

Report on the working of the Department of Industries & Commerce during 1912-13

Sl: 267.
G. 931-18 D.
18.5.14

To Dirs: of I & C
The Rev: Commr.

Passes orders on the above Report with certain remarks.

W D 88—GPB—50,000—24-7-16

Proof

GENERAL AND REVENUE SECRETARIAT.

( )

NOTES.

G.A. File No. 57 4/13

FILE HEADING.

Industries and Commerce

From The Director of Industries

No. Dated Received

Diary No.	Enclos.	Spare Copies.	Serial No.

BRIEF ABSTRACT OF LETTER.

NOTES AND ORDERS.

NOTES—First Sheet.

GPB—35,000—15-6-12

2

G.R.S. 13]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record]

Extract from G.R. 24 of 13

D 1123

Director's (D V C) letter No 295 Q/13.8.13 stating in reply to G 1674-87/GR 4-13-1 Q 7.8.13 that the report which he submitted with his No 175 Q 26.7.13 may be taken as the general report of the Department for the year 1912-13.

General Branch Under Secy's order on the above :—

In that case the Director should have sent a copy for the preparation of the Admn Report. Call for one copy accordingly please

(Init) D.S.Q

19/8/13.

To Branch V to take necessary action in E.C. Section to get another copy of the report as ordered and to prepare a section there from required to be incorporated in the Genl Admn Report and to send the abbreviated section to the Admn Report Section

(G 82 19.8.13)

(2) Dft submd

20/8/13

(3) Issue m 20/8/13

Issued no G. 155 dt 21.8.13

N. B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

GPB—25,000—23-7-12

15

I. R. S. 12]

General and Revenue Secretariat.

G. R. File No. 67 of 1913-14

1427

Serial No.	
44	Letter dated 25th August 1913 from Dir of Industries & Commerce forwarding two copies of the Report on the working of the Dept for 1912-13 (5) Subd for orders as to whether the report may be sent to Press for being printed just like other departmental Reports and reviewed also. One copy of the report has been detached for preparing a section for the Administration Report and the section will be subd early. BR 6.9.13 (6) This will, if approved, be done — Secretary. 6.9.13. (7) Yes. please CSS 6/9/13 Sept subd BR 8/9/13 Issue 8/9/13. 63 To the Supdt Govt Press G. 2383 dt 12.9.13 Forwards a copy of the Report receiving with the above for being printed.

NOTE—Contn. sheet.

GPB—65,000—17-6-12.

(6

G. R. S. 12]

General and Revenue Secretariat. | G. R. File No. 67 of 1913-14

Serial No.

1427

13 A Section for the Admn Report is prepared & submitted for approval. Some of the figures given in the Statt relating to the Weaving factor are incorrect, while it is not known how some other figures are arrived at - The description of the Columns is also not clear. If approved, a reference will be made to the Dir in the matter.

SR BR
30/9/13

Please see 6 ante. SR 30/9

11 Please pass on the Section approved to the Admn Rept Branch; and call for particulars as proposed.

4.10.13.

To the Admn Report Section for taking the section in the file & returning file early.

SR
8/10/13

1 Section has been taken & the file is returned.

12
10/10/13

13 Subt to the Dir subd

SR
15/10/13

The points noticed are not of much importance. Further action does not seem necessary.

Has the report been to be reviewed by

16

NOTE—Contn. sheet.

GPB—65,000—17-5-12.

General and Revenue Secretariat.

G.M File No. 67 of 1913-14.

Serial No.

15. A draft 'Review' is s put up.

16 Attention is invited to certain portions of the Report, which it seems desirable to omit or alter. Suggestions for omission or alteration are indicated in five places, numbered in pencil. It is a point for consideration whether the entire paragraph on "Matches" which discloses a despondent view of ~~the~~ its prospects should be retained.

Secretary. 3.11.13.

I think the report may remain as it is.

An elaborate review such as has been attempted in the draft 'A' seems unnecessary & a briefer draft 'B' is submitted up.

Draft B may be approved.

Dewan) 9/1/14

Please circulate to Council

27.1.14.

Submitted to the Members of Council

approved 13/2

NOTE—Contn. sheet.

GPE—65,000—17-6-12.

8

Serial No.

I have gone through the report, and even the guarded review put up by the Secretary seems to take an, (duly) optimistic view of the work done and the tendencies exhibited by the new department.

I do not wish to say much, but I shall confine myself to one item — that of the weaving school, which is said to be 'run as far as possible on Commercial lines'. Acc^g to the statement appended, leaving out dead stock, the amount spent was Rs 6500, and the value of things sold, cloth on hand and raw material on hand is Rs 5138. Apparently the pay of the expert & other (?) permanent officials & the house rent (of 200 Rs of late) is omitted. If this is working on Commer-

Note
The account is not quite clear and the most favourable estimate is assumed.

NOTE—Contn. sheet.

GPE—65,000—17-6-12.

Serial No.

cial lines, how long could Commercial men throve on it!

It is expressly denied that it has any educational object in view. As for the special line it has patronised, the attempt to popularise 'fly shuttle' is not new, and the Hole Narsepur school has been working at it for years before the new department was thought of. The Jacquard machine though new here has been worked elsewhere in India, and it is very doubtful whether it will be found to supply any wide felt want an account of its limitations.

I have no objn to the Review being issued as drafted by the Secretary.

17/2/14

Draft approved.
K Rao
24.2.14

1427 10

G. R. S. 12]

General and Revenue Secretariat.	File No.	of 191 .

Serial No.

7845
27.2.14

Dewan)

Sobl 27/2

NOTE—Contn. sheet.

GPB—60,000—7-11-13

Submitted to His Highness.

Draft for approval

I submit herewith the draft of a review of the Report on the working of the Department of Industries and Commerce during the year 1912-13.

Rule 6-9 of the office rules

2. The First Member of Council, however, says that the Weaving School at Bangalore is not really worked as a commercial concern. In sanctioning the Budget for the Weaving Factory, the Director has been requested to separate the expenditure, on teaching and experiment, from the commercial portion, so that the profit or loss from the working of the factory may be clearly shown.

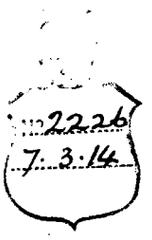
3. The draft review as revised may be approved.

M. Visvesvaraya
7th March 1914

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject.

Draft review of the report on the working of the Department of Industries and Commerce during the year 1912-13.



returned with D.O. No. 0 dt 18.4.14

Order.

No -182/G-2 & 2/4. May. 1914.

To

R.H. Campbell Esqr., C.I.E.,
Private Secretary to H.H.
the Maharaja.

My dear sir,

With reference to your D.O. letter No. × dated the 191 I, send herewith a revised draft of the review on the Report on the working of the Department of Industries and Commerce. I have considered your suggestions and ~~have~~ revised the review, which has been amplified.

I shall be obliged by your kindly obtaining His Highness's approval to the revised draft.

Yours sincerely,

2.5.14 RG

Dewan.

G

D. O. No. 2-1409

Do. no. 437
1 file

PRIVATE SECRETARY MYSORE

6th May 1914.

Sunday
7.5.14 Rd V Secretary
Ack 9/5/14

My dear Sir,

With reference to your letter No.182/ G.2 dated 2nd/4th May 1914, I am directed to inform you that His Highness approves of the revise draft Government Order. I return the accompany papers.

Yours sincerely,

M. Visvesvaraya Esq., C.I.E.,
Dewan of Mysore,
Ootacamund.

G. R. S. 26]

3

File No.

Serial No.

Diary No. of letter replied to

(4)

No. 9. 425 /13/

General and Revenue Secretariat

( )

, *the* *191* .

To

The Director of I & C

in Mysore

Date of issue 21-8-13

Signed by Mr B Ramachandra Rao

Sir

With refce to your letter No. 295 dated the 13th inst. stating that the report submitted with your letter of the 26th July 1913 may be taken as the report of the Deptt for 1912-13 I am directed to request that, as copies are required separately for the purposes of preparing the General Administration over.

SUBJECT.

4

Report of the State ~~a detailed report on the working of the Dept is required under G.O.Ms.G 684-723/ Ed A to-15 dated 4th August 1905 (Copy enclosed for refce) and to request that~~ 2 Copies of the report may be forwarded to this office at an early date. ~~as required in para 4(8) of the said order.~~

I am also to request that the above procedure may be followed during the next and subsequent years and an annual report on the working of the Dept submd to Govt before the end of ~~Aug~~ the month of August ~~previous~~ following the official year to which the report relates.

List of enclosures.

Copied by

Examined by

I have &c

10/8/13

Secretary

GPB—25,000—8-8-11.

GPB—1,000—23-7-13

Encl. 2

No. A.1 Industries Proc

OFFICE OF THE
DIRECTOR OF INDUSTRIES AND COMMERCE,
"RINGWOOD," HIGH GROUND,

Bangalore, 25th August *1913*.

DIARY No. 1427

1913-1914
SECTION G. Sec
FILE No. 67 [illegible]
ITEM No. 44

FROM

ALFRED CHATTERTON, ESQ., C.I.E.,
Director of Industries and Commerce in Mysore,
Bangalore.

To

The Secretary to the Government of His Highness the Maharajah of Mysore, General and Revenue Departments, Bangalore.

SIR,

In reply to your No. G. 1581, dated the 21st August 1913, I have the honour to forward herewith two copies of my recent report to Government on the working of the Department of Industries and Commerce for the year 1912-1913.

I have the honour to be,
Sir,
Your most obedient servant,

Alfred Chatterton

Director of Industries and Commerce
in Mysore.

V.S.N./-

G. R. S. 26]

File No.

Serial No.

Diary No. of letter replied to 1427

No. 7438

General and Revenue Secretariat

( )

, *the* *191* .

To

The Supdt Govt Press

Date of issue 12-9-13

Signed by W. Ramaswamy

In forwarding herewith a copy of the report on the working of the Deptt of I & C for the year 1912-13 has the honour to request that the same may be set in type and 200 copies thereof printed and kept ready for being bound with the Govt. Review thereon when read.

Over

8/9/13

SUBJECT.

G.R.S. 28]

A

File No.

Serial No.

*Diary No. of letter replied to*_____

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT.

( )

READ—

the 191 .

Report on the working of the Deptt of Industries and Commerce ~~in~~ during the year 1912-13 received with letter dated 25th Aug 1913 from the Director of I & C.

Date of issue _____

Signed by_____

~~ORDER THEREON.—~~ No.

Order thereon No. 9

~~for~~ Information of the Deptt

The Deptt ~~was~~ constituted ~~under~~ under

SUBJECT.

Govt Order No G 4231-78/G. Mis
55-12-115 dated 30th Jan 1913
and Mr. Chatterton was
~~appointed~~ placed in charge
of it as Director of I & C,
~~and instructed~~ to continue
and develop the work carried on by him
~~on~~ till that date as Special
Adviser for Ind & Commerce

2) Work done by ~~the~~ Deptt

(a) Hand loom Weaving

With the object of popularising
the use of fly-shuttle looms
throughout the State and
introducing jacquard machines
for ornamental weaving, a
Workshop has been opened in
the Bangalore City, which is run
on Commercial lines as far
as possible. Only persons who
have already acquired a
knowledge of hand-loom weaving
are admitted to this workshop.

GPB—20,000—2-10-41

In regard to the General

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT.

(Continuation sheet draft form.)

With the assistance of the manager of the Tata Silk Farm at Bangalore, preliminary ~~enquiries~~ experiments were conducted to ascertain whether improvements could be profitably introduced into the reeling of silk for the local market. A considerable quantity of Cocoons was purchased at different times in Channapatna, some of which was reeled locally and the balance sent to the Silk Farm. The total expenditure on these experiments was Rs 3455-15-8, the receipts from the sale of silk produced amounting to Rs 3518-11-11. Sanction has recently been accorded to the establishment of a silk filature in Channapatna and the reeling machinery is

now being constructed in the Industrial School on that place.

(d) Wood-turning

In order to demonstrate the use of improved lathes to the members of the Cooperative Society at Channapatna, which mostly controls the trade in wood-turning now carried on there, a small oil engine and 24 lathes were set up at a cost of Rs 4000/- in the Channapatna Industrial School. The machinery started working at the beginning of April and the results are being watched.

(e) Industrial work done for private individuals and General Industrial Enquiries.

Three engines and pumps for purposes of irrigation were under erection during

(GPB—15,000—13-11-14)

the year under the supervision of the Officers of the Deptt. Two of these were ~~both~~ helped with loans by Govt, while the third was financed entirely from private funds. This last, viz, the installation at Harihar has since been successfully launched. The Deptt has also assisted in the installation of two rice-hulling plants, two saw-mills, and one Coffee-roasting factory; and ~~also~~ provided plans and estimates for the re-construction of a flour mill.

The Office of the Dir^r of I & C has served as a bureau of industrial information and all private enquiries have been attended to.

~~(3)~~ 3. General

Govt trust that the Director has studied the local conditions carefully, and that in the coming years he will be able to enhance the usefulness of the Deptt by stimulating the industrial activity of the State and by reviving useful old industries that are now languishing for want of encouragement. It is also hoped that the public will in an increased measure, avail themselves of the expert assistance and advice placed at their disposal by Govt.

3.11.13. Secretary for Ed. & Agriculture.

To

The Dir of I

GPB—15,000—13-11-11

DR.

Proceedings of the Government of His Highness the Maharaja of Mysore.

Report on the working of the Department
stries and Commerce during the year - - -
5, received with letter dated the 25th
1915, from the Director of Industries
mmerce.

---

thereon No. dated

Recorded.

he Department of Industries and Commerce
stituted under Mr. A. Chatterton in Janua-
and the present report deals with the - -
the Department during a period of less
months.

e work done was of a preliminary and pre-
y character.

perimental work was carried on in connec-
th handloom weaving, silk reeling, sugar
d wood turning, to mention only the more
nt matters dealt with.

A central weaving factory was organised to adopt improved implements for handloom weaving. An experiment in the manufacture of woollen - - - shawls was set on foot. A demonstration party was formed to popularise the flyshuttle loom in rural parts.

In silk reeling some experiments were carried on to find out how far improved methods could be introduced with profit and as a result it was de-

decided to set up a small reeling plant on the Japanese system at Chennapatna.

In wood turning the introduction of machine - - driven lathes for the manufacture of lacquer ware toys was taken in hand.

In connection with the cultivation of sugar cane three sugar cane mills driven by oil engines were - - set up, one in the Mysore District and two in the Tumkur District. Difficulties of various kinds were met with in their working and the operations during the season demonstrated only one fact, viz, that the power driven mill could crush the cane much more quickly than a mill operated by animal power, and could effect a great saving in the time of the ryot. Since the close of the year considerable thought has been devoted to the subject and improvements have been made in the design of the furnace, to allow sufficient heat to be generated by the use of megasse alone without any ~~fo~~ gasse is ~~rendered~~ found unnecessary and the operations can be conducted at a minimum of cost. There is every reason to believe that the mills can now meet the needs of the ryots in every way. The only problem that has yet to be attacked is the organisation of ~~the~~ labour ~~and~~ for the prompt and regular supply of cane to the mill so that the machinery can be run at its maximum of efficiency. There is every reason to hope that this difficulty ~~can~~ will be satisfactorily got over and that the Department can now confidently recommend to sugar cane growers the adoption of a mill that will bring about a considerable saving ~~in~~ of time, labour and cost in the conversion of cane into jaggery.

It will thus be seen that the work during 1912-13 though it yielded no appreciable results of practical value yet gave valuable and useful indications of directions in which difficulties had to be anticipated.

Government have reason to trust that in the

present year the Director will be in a position to point to positive progress made in the development of the lines of work started in 1912-13.

Secretary to Government.

To

The Director of Industries and Commerce.

G. R. S. 26]

File No.

Serial No.

Diary No. of letter replied to

No.

General and Revenue Secretariat

( )

, *the* *191* .

Date of issue

Signed by

~~To~~

Read

Report on the working of the Deptt of Industries & Commerce during the year 1912-13 received with the letter of 25 augt 13 from the Director of I & C

Order thereon

Recorded -

The Deptt of I & C was constituted under Mr A Chatterton C.I.E. in Jan[y] 1913 & the present report deals with the work done by the Deptt during a period of 6 months. ~~and~~

over.

SUBJECT.

The work done has
been ~~almost~~ mainly of a preliminary
& preparatory ~~nature~~ character, & though
useful indications have been gathered
~~obtained~~ for guidance, very few positive
results of ~~practical~~ much value have
been obtained. Govt ~~hope~~ have, however,
~~that~~ reason to hope that ~~in the~~ ~~line of work~~ their next annual
report of the Dept will show
that substantial progress has
been ~~achieved~~ made & useful
results achieved in several
directions of activity -

7.3.14

List of enclosures,

key -

To

The Director of I & C.

Copied by

Examined by

GPB—25,000—8-8-11.

2 copies

Proceedings of the Government of His Highness the Maharaja of Mysore.

****

Read:-

Report on the working of the Department of Industries and Commerce during the year 1912-1913 received with letter No.———————— dated the 25th Aug from the Director of Industries and Commerce.

****

Order thereon No. G 931, &c.

Dated Bangalore May 14

Recorded.

2. The Department of Industries and Commerce was constituted under Mr. A. Chatterton in January 1913 and the present report deals with the work of the Department during a period of less than six months.

3. The work done by the Department falls under three main heads, viz., (1) experimental work carried on at the expense of Government, (2) industrial work on behalf of private individuals and (3) general industrial enquiries including supply of information to the public. The experimental work carried on was mainly in connection with the handloom weaving, silk reeling, manufacture of sugar and jaggory, wood turning and preparation of woollen shawls.

4. A central weaving factory was organized to teach the weavers the use of improved implements for handloom

weaving and machine-driven lathes were introduced in the manufacture of lacquer ware toys. A demonstration party was formed to popularize the fly-shuttle loom in rural tracts.

In connection with silk reeling some experiments were carried on to find out how far improved methods could be introduced with profit, and as a result, it was decided to set up a small reeling plant on the Japanese system at Channapatna.

5. In connection with the cultivation of sugar cane, three sugar cane mills driven by oil engines were set up , one in the Mysore District and two in the Tumkur District. The experiment has shown that there is great scope for the use of power-driven mills for crushing cane, wherever sugar cane is grown extensively as , by their use, much saving in cost and labour may be effected in the manufacture of jaggory. A new furnace has also since been designed which is expected to do away with the use of fuel other than the megasse derived from the cane for boiling the juice. The successful working of the plant however depends chiefly on the existence of a proper organization for the prompt and regular supply of cane to the mill so that the machinery may be worked at its maximum efficiency . Government trust that, with the co-operation of Revenue officers and influential raiyats, the Director will be able to

overcome this difficulty and convince the ryots of the advantages to be derived by the adoption of these mills.

6. As regards industrial work done on behalf of private individuals at their cost, the Department has helped in the design and erection of a number of industrial installations and small factories such as, (1) engines and pumps to lift water for irrigation (2) rice hulling plants (3) saw mills, etc, and the growing popularity of the use of power appliances for purposes of irrigation is in a great measure due to the efforts of the Department.

7. The operations of the Department have been mainly of a preliminary and preparatory character and Government are pleased to record their appreciation of work done by the Director during the period under review.

3.5.14.

Secretary to Govt.

To

The Director of Industries and Commerce.

Proceedings of the Government of His Highness the Maharaja of Mysore, General (Miscellaneous), dated 18th May 1914.

READ—

Report on the working of the Department of Industries and Commerce during the year 1912-13, received with letter dated the 25th August 1913, from the Director of Industries and Commerce.

NO. G. 9317-8—G. M. 67-13-267, DATED BANGALORE, 18TH MAY 1914.

ORDER THEREON.—Recorded.

2. The Department of Industries and Commerce was constituted under Mr. A. Chatterton in January 1913 and the present report deals with the work of the Department during a period of less than six months.

3. The work done by the Department falls under three main heads, *viz.*, (1) experimental work carried on at the expense of Government, (2) Industrial work on behalf of private individuals and (3) General industrial enquiries including supply of information to the public. The experimental work carried on was mainly in connection with the hand loom weaving, silk reeling, manufacture of sugar and jaggory, wood turning and preparation of woollen shawls.

4. A central weaving factory was organized to teach the weavers the use of improved implemetns for hand loom weaving and machine-driven lathes were introduced in the manufacture of lacquerware toys. A demonstration party was formed to popularise the fly-shuttle loom in rural tracts.

In connection with silk reeling some experiments were carried on to find out how far improved methods could be introduced with profit, and as a result, it was decided to set up a small reeling plant on the Japanese system at Channapatna.

5. In connection with the cultivation of sugar-cane, three sugar-cane mills driven by oil engines were set up, one in the Mysore District and two in the Tumkur District. The experiment has shown that there is great scope for the use of power-driven mills for crushing cane, wherever sugar-cane is grown extensively as, by their use, much saving in cast and labour may be effected in the manufacture of jaggory. A new furnace has also since been designed which is expected to do away with the use of fuel other than the megasse derived from the cane for boiling the juice. The successful working of the plant however depends chiefly on the existence of a proper organization for the prompt and regular supply of cane to the mill so that the machinery may be worked at its maximum efficiency. Government trust that, with the co-operation of Revenue officers and influential raiyats, the Director will be able to overcome this difficulty and convince the raiyats of the advantages to be derived by the adoption of these mills.

6. As regards industrial work done on behalf of private individuals at their cost, the Department has helped in the design and erection of a number of industrial installations and small factories such as (1) engines and pumps to lift water for irrigation, (2) rice hulling plants, (3) saw mills, etc., and the growing popularity of the use of power appliances for purposes of irrigation is in a great measure due to the efforts of the Department.

7. The operations of the Department have been mainly of a preliminary and preparatory character and Government are pleased to record their appreciation of work done by the Director during the period under review.

C. S. BALASUNDARAM IYER,
Secy. to Govt., Edn. & Agriculture.

To—The Director of Industries and Commerce in Mysore.
The Revenue Commissioner in Mysore.

Exd.—C. R.

Proceedings of the Government of His Highness the Maharaja of Mysore.

Read:-

Report on the working of the Department of Industries and Commerce during the year 1912-13, received with letter dated the 25th August 1913, from the Director of Industries and Commerce.

-o-o-o-o-o-

Order thereon No. dated

Recorded.

2. The Department of Industries and Commerce was constituted under Mr. A.Chatterton, C.I.E., in January 1913, and the present report deals with the work done by the Department during a period of 6 months.

3. The work done has been mainly of a preliminary and preparatory character.

7.3.14

Secretary to Govt.,
E. & A.

To

The Director of Industries & Commerce.